

## **Application Data Sheet**

### **Application Information**

Application number::  
Filing Date::  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R??::  
Number of CD disks::  
Number of copies of CDs::  
Sequence Submission::  
Computer Readable Form (CRF)?::  
Number of copies of CRF::  
Title:: Method and Its Apparatus for Inspecting  
Particles or Defects of a Semiconductor Device  
16869S-032100US  
Attorney Docket Number::  
Request for Early Publication:: No  
Request for Non-Publication:: No  
Suggested Drawing Figure::  
Total Drawing Sheets:: 21  
Small Entity?:: No  
Latin name::  
Variety denomination name::  
Petition included?:: No  
Petition Type::  
Licensed US Govt. Agency::  
Contract or Grant Numbers One::  
Secrecy Order in Parent Appl.: No

### **Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Hidetoshi  
Middle Name::  
Family Name:: Nishiyama  
Name Suffix::  
City of Residence:: Tokyo  
State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg.  
Postal Address Line Four:: 5-1, Marunouchi 1-chome  
Postal Address Line Five:: Chiyoda-ku

City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Minori  
Middle Name::  
Family Name:: Noguchi  
Name Suffix::  
City of Residence:: Tokyo  
State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg.  
Postal Address Line Four:: 5-1, Marunouchi 1-chome  
Postal Address Line Five:: Chiyoda-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
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Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Yoshimasa  
Middle Name::  
Family Name:: Ooshima  
Name Suffix::  
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State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi, Ltd.  
Postal Address Line Two:: Intellectual Property Group  
Postal Address Line Three:: New Marunouchi Bldg.  
Postal Address Line Four:: 5-1, Marunouchi 1-chome  
Postal Address Line Five:: Chiyoda-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan

Status:: Full Capacity  
 Given Name:: Akira  
 Middle Name::  
 Family Name:: Hamamatsu  
 Name Suffix::  
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 State or Province of Residence::  
 Country of Residence:: Japan  
 Street of Mailing Address:: c/o Hitachi, Ltd.  
 Postal Address Line Two:: Intellectual Property Group  
 Postal Address Line Three:: New Marunouchi Bldg.  
 Postal Address Line Four:: 5-1, Marunouchi 1-chome  
 Postal Address Line Five:: Chiyoda-ku  
 City of Mailing Address:: Tokyo  
 State or Province of mailing address::  
 Country of mailing address:: Japan  
 Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
 Primary Citizenship Country:: Japan  
 Status:: Full Capacity  
 Given Name:: Kenji  
 Middle Name::  
 Family Name:: Watanabe  
 Name Suffix::  
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 State or Province of Residence::  
 Country of Residence:: Japan  
 Street of Mailing Address:: c/o Hitachi, Ltd.  
 Postal Address Line Two:: Intellectual Property Group  
 Postal Address Line Three:: New Marunouchi Bldg.  
 Postal Address Line Four:: 5-1, Marunouchi 1-chome  
 Postal Address Line Five:: Chiyoda-ku  
 City of Mailing Address:: Tokyo  
 State or Province of mailing address::  
 Country of mailing address:: Japan  
 Postal or Zip Code of mailing address:: 100-8220

Applicant Authority Type:: Inventor  
 Primary Citizenship Country:: Japan  
 Status:: Full Capacity  
 Given Name:: Tetsuya  
 Middle Name::  
 Family Name:: Watanabe  
 Name Suffix::  
 City of Residence:: Tokyo  
 State or Province of Residence::  
 Country of Residence:: Japan

Street of Mailing Address:: c/o Hitachi Electronics Engineering Co., Ltd.  
Postal Address Line Two:: 16-3, Higashi 3-chome  
Postal Address Line Three:: Shibuya-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 105-0011

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
Given Name:: Takahiro  
Middle Name::  
Family Name:: Jingu  
Name Suffix::  
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State or Province of Residence::  
Country of Residence:: Japan  
Street of Mailing Address:: c/o Hitachi Electronics Engineering Co., Ltd.  
Postal Address Line Two:: 16-3, Higashi 3-chome  
Postal Address Line Three:: Shibuya-ku  
City of Mailing Address:: Tokyo  
State or Province of mailing address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 150-0011

#### Correspondence Information

Correspondence Customer Number:: 20350

#### Representative Information

Representative Designation::	Representative Number::	Representative Name::
Primary	27,431	Robert C. Colwell
Associate		
Associate		

#### Domestic Priority Information

Application:: Continuity Type:: Parent Application:: Parent Filing Date::

#### Foreign Priority Information

Country::	Application number::	Filing Date::
Japan	2000-291952	09/21/00

**Assignee Name::**

City of mailing address::

Country of mailing address::

Postal or Zip Code of mailing address::

[illegible]

## PATENT APPLICATION

### Method and Its Apparatus for inspecting Particles or Defects of a Semiconductor Device

Inventors: **Hidetoshi Nishiyama**  
Citizenship: Japan

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**Yoshimasa Ooshima**  
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Assignees: **Hitachi, Ltd.**  
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Entity: Large